
TECHNOFORM
Reliable Operation.
Efficient Heat Recovery.

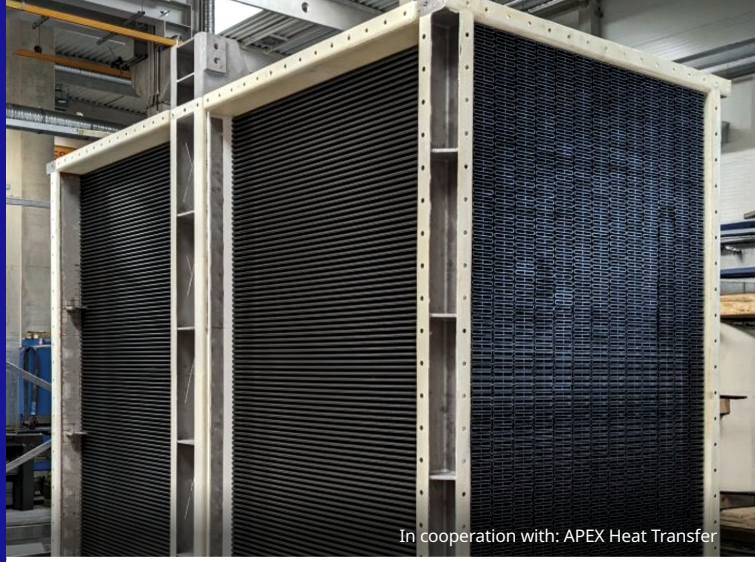
Gas/Gas
Flue gas heat exchanger

Efficient heat transfer
Corrosion-resistant heat transfer between flue gas streams – for use as heat displacement or air preheater.

Your benefits:

- ✔ **High plant availability**
  Corrosion-resistant heat transfer surfaces for demanding flue gas conditions.
- ✔ **Flexible integration**
  Available as a round tube retrofit solution or in a compact flat-profile design.
- ✔ **Efficient process integration**
  Utilization of recovered heat for flue gas cleaning or optimization of the combustion process.

Design conditions
Up to 250 °C


In cooperation with: APEX Heat Transfer


In cooperation with: ZAS – Zweckverband Abfallverwertung Südostbayern

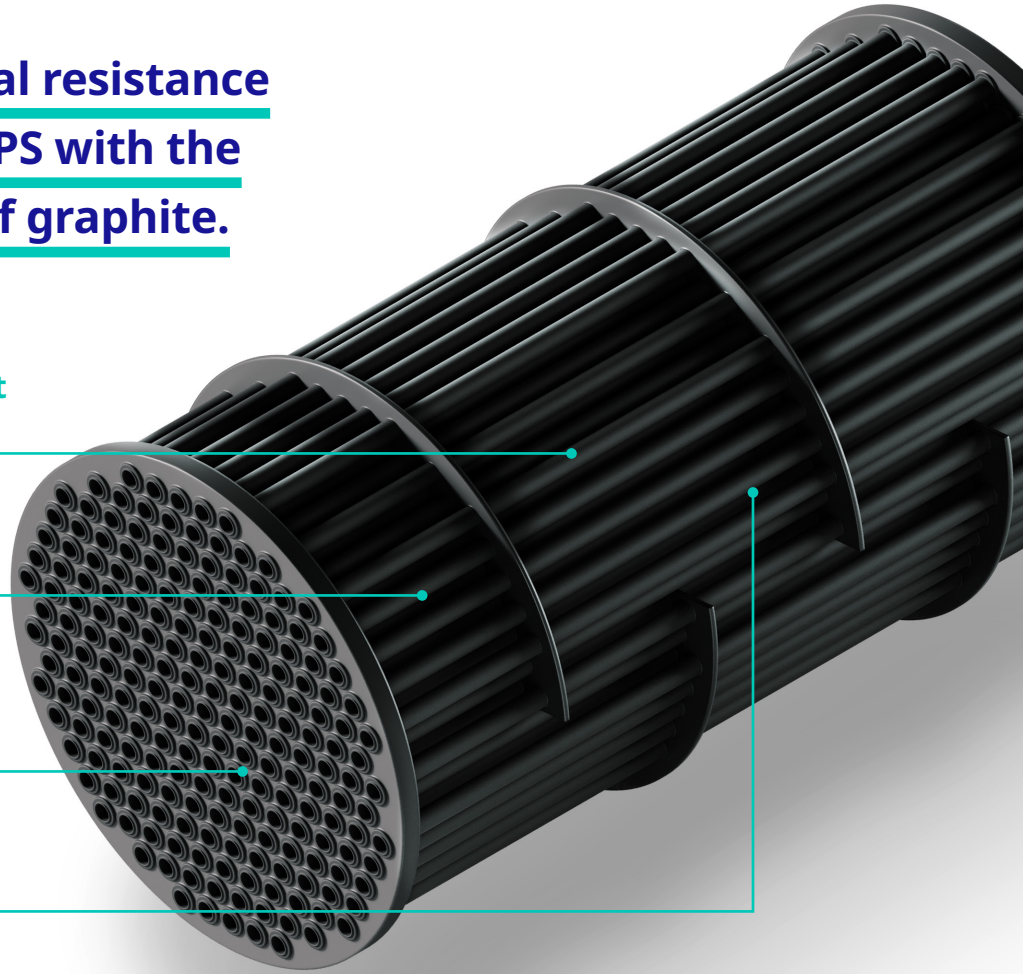
Combining the chemical resistance of high-performance PPS with the thermal conductivity of graphite.

Certified for pressure equipment
(PED 2014/68/EU | AD2000 | ASME BPVC)

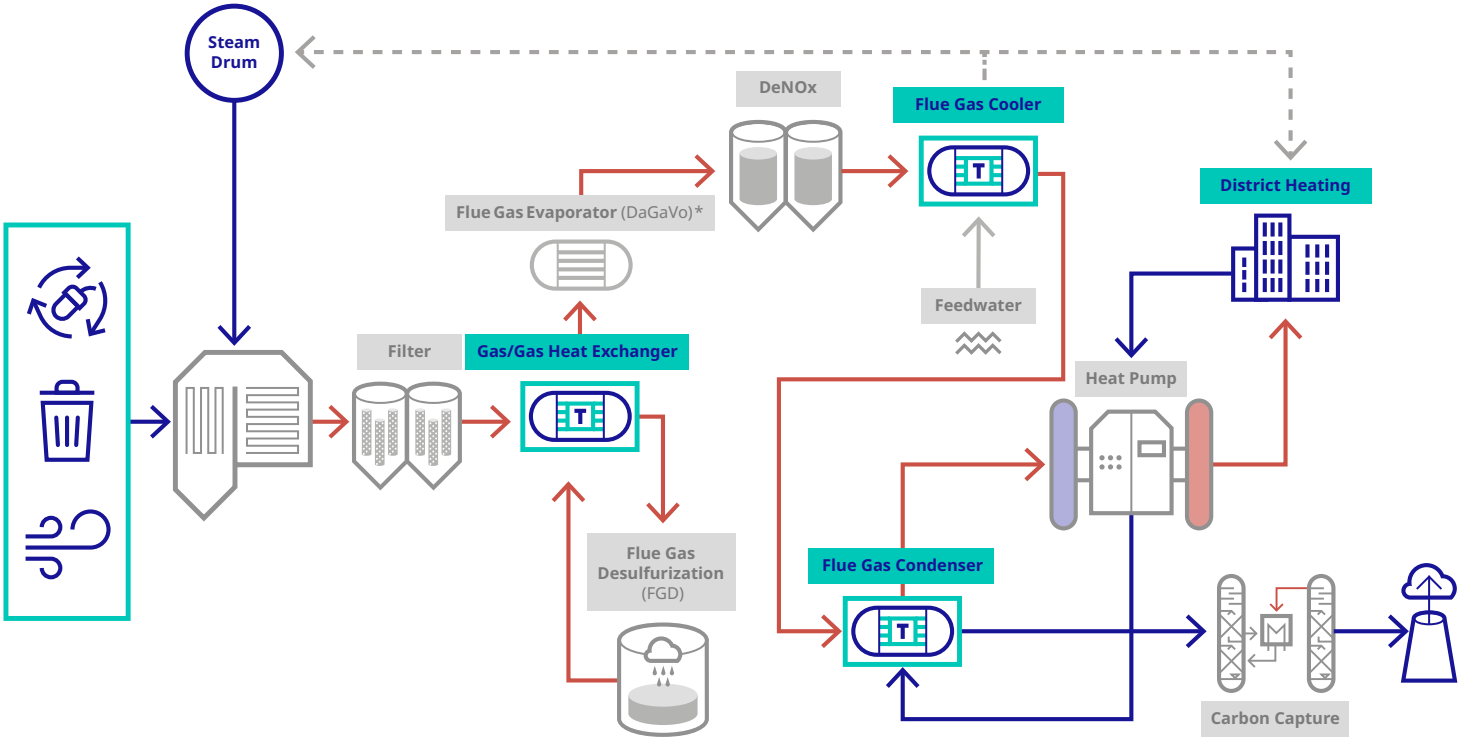
Operation below the acid dew point

High leak tightness and pressure resistance

Fouling-resistant surfaces



Flue gas cooling & condensation in waste-to-energy plants



Gas/Liquid
Flue gas condenser

Maximum heat recovery
Flue gas cooling and condensation below the acid and water dew points – enabling additional heat recovery even under highly corrosive operating conditions.

Your benefits:

- **Additional heat recovery**
  Utilization of sensible and latent heat from flue gas.
- **Corrosion-resistant operation**
  Suitable for operating conditions below the relevant condensation dew points.
- **Efficient heat utilization**
  Heat supply to district heating networks or use for feedwater preheating.

Design conditions
Up to 250 °C
Up to 16 barg


In cooperation with: APEX Heat Transfer


In cooperation with: MNK Enerji



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